

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently amended) A computing environment comprising:  
a plurality of file servers;  
a file system adapted to store software and data and that is adapted to be accessible to the file servers; and  
a workstation adapted to couple to the file servers and to a client computer;  
wherein the workstation is adapted to cause at least some software or data that is not permanently stored on the workstation to be transferred to the workstation from the file system via at least one of the file servers when requested by the client computer, and  
wherein the client computer is adapted to utilize the at least some software or data transferred to the workstation.
2. (Original) The computing environment of claim 1 wherein the file system comprises a centralized database.
3. (Original) The computing environment of claim 1 wherein the file server comprises a database server.
4. (Original) The computing environment of claim 1 further comprising a plurality of file servers that implement load balancing to distribute traffic among the file servers.
5. (Original) The computing environment of claim 1 wherein the file server implements a heartbeat that determines whether the file server has failed.

6. (Original) The computing environment of claim 1 wherein the file system implements a file protocol selected from the group consisting of Network File System ("NFS"), Andrew File System ("AFS"), and a combination of NFS and AFS.

7. (Currently amended) A computing environment comprising:  
a plurality of file servers;  
a file system that is adapted to store client applications and data and that  
is adapted to be accessible to the file servers; and  
a workstation adapted to couple to the file servers and to a client  
computer, the workstation comprises a storage medium on which  
control files are permanently stored, but client applications are not  
permanently stored;  
wherein the workstation is adapted to cause client applications and data to  
be transferred to the workstation from the file system via at least  
one of the file servers when requested by the client computer; and  
wherein the client computer is adapted to utilize the at least some software  
or data transferred to the workstation.

8. (Original) The computing environment of claim 7 wherein the data that is transferred to the workstation is used by a client application running on the workstation and wherein the data is permanently stored on the file system and not the workstation.

9. (Original) The computing environment of claim 7 wherein control files comprise server configuration settings.

10. (Original) The computing environment of claim 7 further comprising an interface through which the file server communicates to the workstation.

11. (Original) The computing environment of claim 7 wherein the file system comprises a storage medium selected from the group consisting of Redundant Arrays of Inexpensive Disks ("RAID") and small computer system interface ("SCSI") drives.

12. (Withdrawn) A method implemented on a system comprising a file server coupled to a workstation, a client computer and a file system, comprising:

receiving a request from a client computer for a client application, the client application being stored in non-volatile memory on the file system and not on the workstation;

transferring the requested client application from the file system to the workstation for execution on the workstation; and

executing the requested client application on the workstation.

13. (Withdrawn) The method of claim 12 further comprising receiving a request from the client computer for data to be used by the client application, the data being stored permanently in non-volatile memory on the file system and not in non-volatile memory on the workstation.

14. (Withdrawn) The method of claim 13 further comprising transferring the requested data from the file system to the workstation.

15. (Currently amended) A system, comprising:

a plurality of file servers;

means for storing client applications and data; and

means for retrieving the client applications and data from the means for storing the client applications and data; and

means for executing the client applications as required by a client computer.

16. (Original) The system of claim 15 wherein the means for retrieving further comprises means for retrieving the client applications and data from the means for storing each time a client computer requires execution of the client applications.

17. (Currently amended) A workstation, comprising:  
a CPU; and  
a volatile memory coupled to the CPU;  
wherein said CPU requests a client application and data from an external  
file system via a file server on behalf of a client and executes the  
client application on behalf of the client.

18. (Original) The workstation of claim 17 wherein the workstation requests a client application and data from the external file system every time a client requests the client application to be executed.